

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072117\
 Data File : BF096953.D
 Acq On : 21 Jul 2017 19:31
 Operator : SJ/JU
 Sample : I4352-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-03-001-B

Quant Time: Jul 22 01:44:25 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 18 13:33:22 2017
 Response via : Initial Calibration

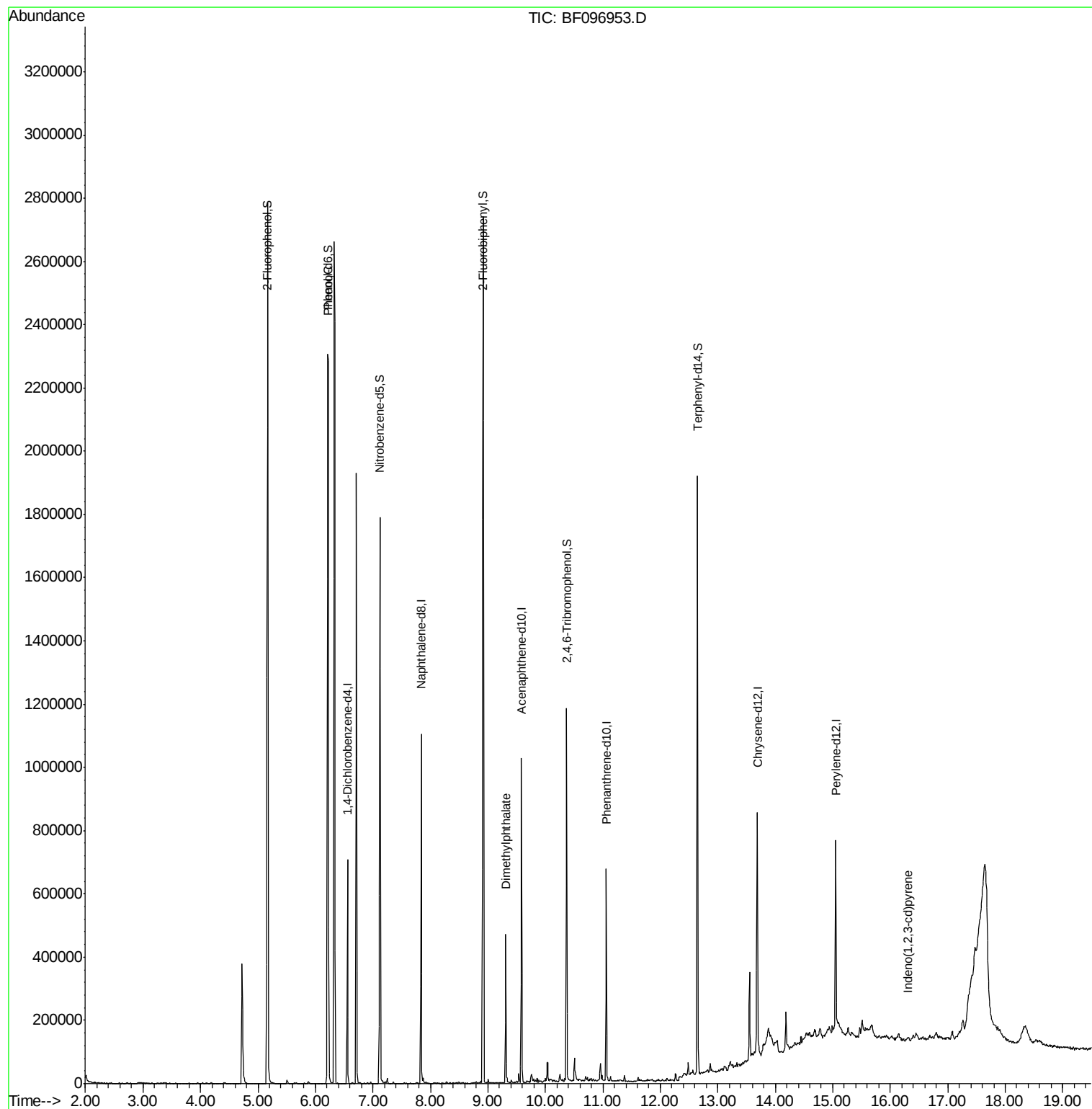
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	107761	20.00	ng	-0.04
21) Naphthalene-d8	7.84	136	492705	20.00	ng	-0.05
38) Acenaphthene-d10	9.59	164	196264	20.00	ng	-0.05
63) Phenanthrene-d10	11.06	188	249028	20.00	ng	-0.05
75) Chrysene-d12	13.69	240	253895	20.00	ng	-0.05
86) Perylene-d12	15.05	264	218258	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.17	112	799358	111.53	ng	-0.03
7) Phenol-d6	6.22	99	925493	107.61	ng	-0.04
23) Nitrobenzene-d5	7.12	82	584384	73.47	ng	-0.05
41) 2,4,6-Tribromophenol	10.37	330	137129	81.85	ng	-0.05
44) 2-Fluorobiphenyl	8.92	172	921361	74.17	ng	-0.05
78) Terphenyl-d14	12.65	244	565466	38.62	ng	-0.05
Target Compounds						
10) Phenol	6.23	94	47511	4.887	ng	98
49) Dimethylphthalate	9.31	163	182472	12.348	ng	98
85) Indeno(1,2,3-cd)pyrene	16.31	276	3210	3.542	ng	# 66

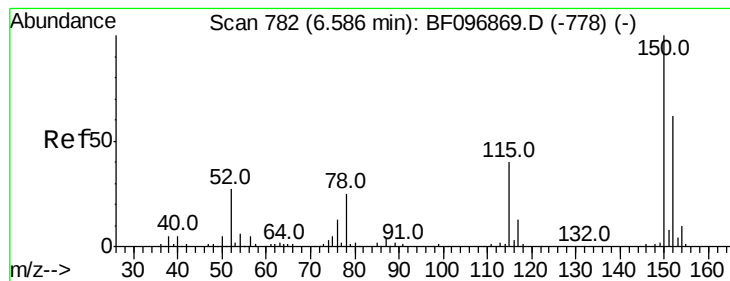
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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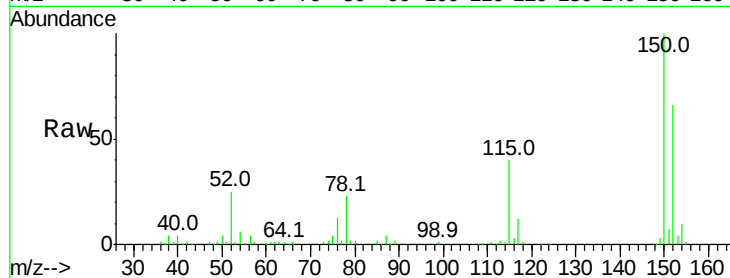


#1

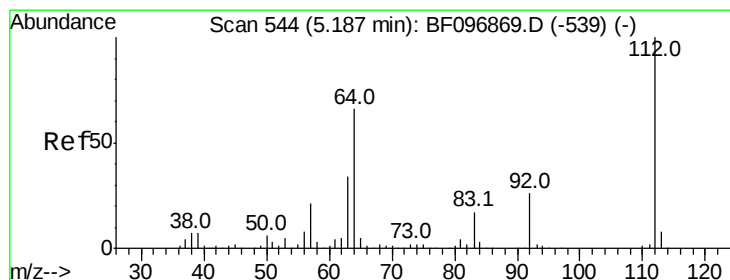
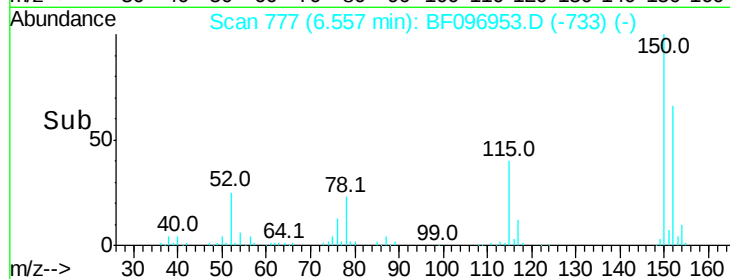
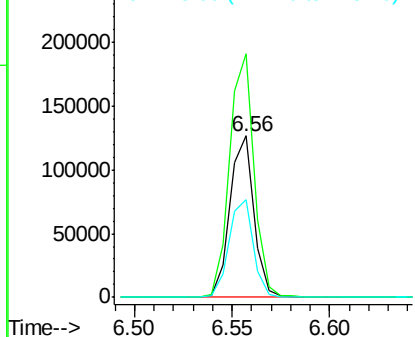
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.56 min Scan# 777
Delta R.T. -0.04 min
Lab File: BF096953.D
Acq: 21 Jul 2017 19:31

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-001-B

Tot Ion:152 Resp: 107761
Ion Ratio Lower Upper
152 100
150 151.1 126.2 189.2
115 60.8 52.2 78.2



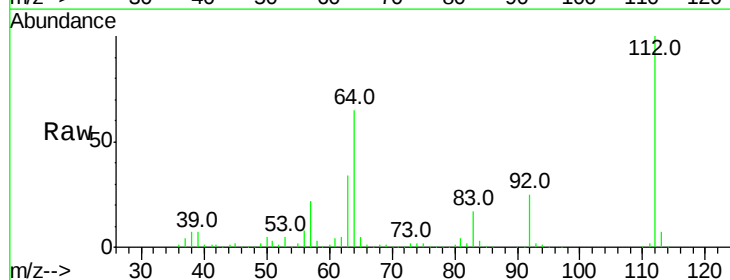
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



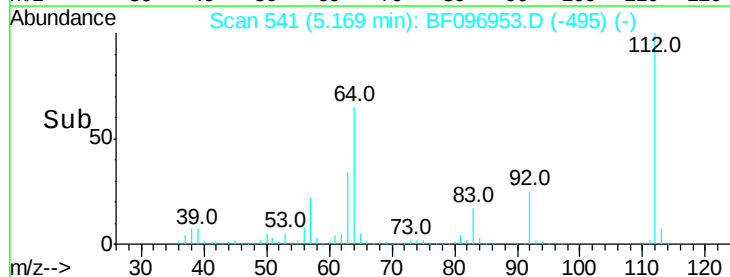
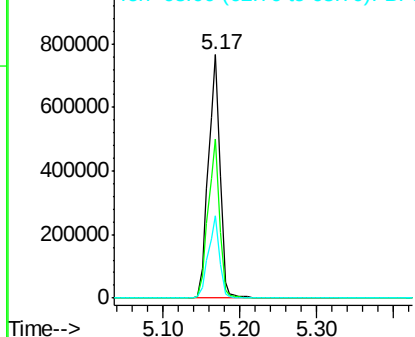
#5

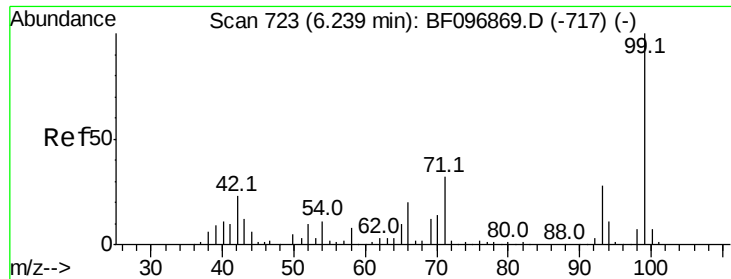
2-Fluorophenol
Concen: 111.534 ng
RT: 5.17 min Scan# 541
Delta R.T. -0.03 min
Lab File: BF096953.D
Acq: 21 Jul 2017 19:31

Tgt Ion:112 Resp: 799358
Ion Ratio Lower Upper
112 100
64 65.3 46.0 69.0
63 33.8 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 107.609 ng

RT: 6.22 min Scan# 719

Delta R.T. -0.04 min

Lab File: BF096953.D

Acq: 21 Jul 2017 19:31

Instrument :

BNA_F

ClientSampleId :

FK-SF-03-001-B

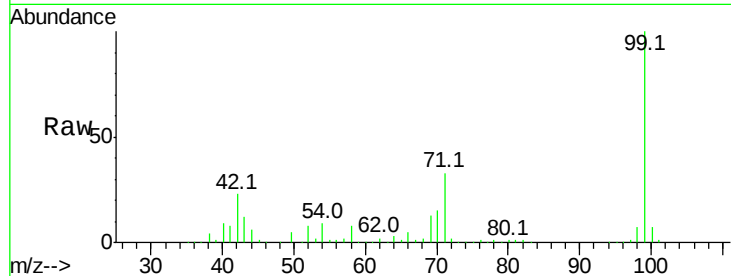
Tot Ion: 99 Resp: 925493

Ion Ratio Lower Upper

99 100

42 23.0 13.5 20.3#

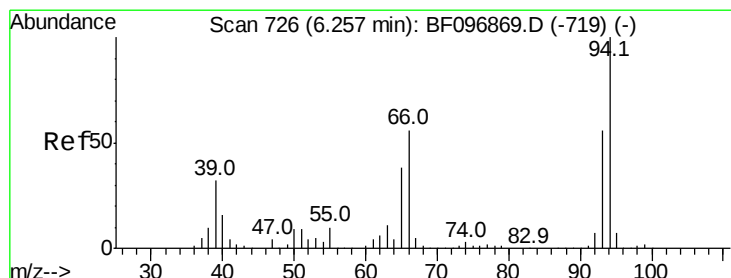
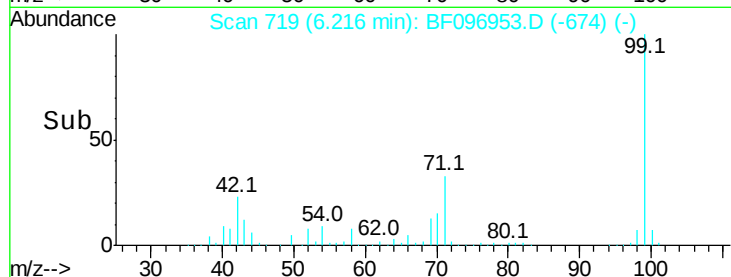
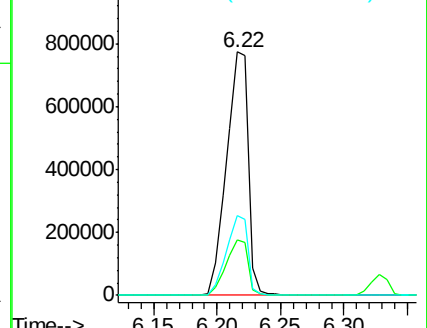
71 32.7 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#10

Phenol

Concen: 4.887 ng

RT: 6.23 min Scan# 721

Delta R.T. -0.04 min

Lab File: BF096953.D

Acq: 21 Jul 2017 19:31

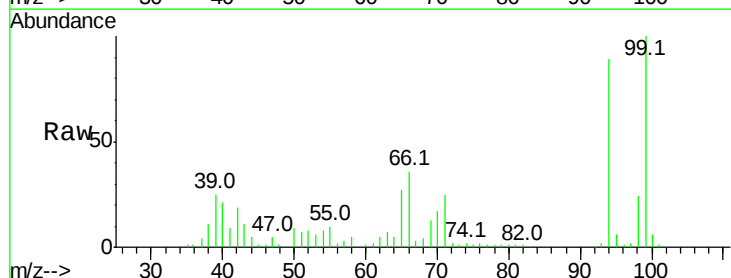
Tgt Ion: 94 Resp: 47511

Ion Ratio Lower Upper

94 100

65 30.0 9.9 49.9

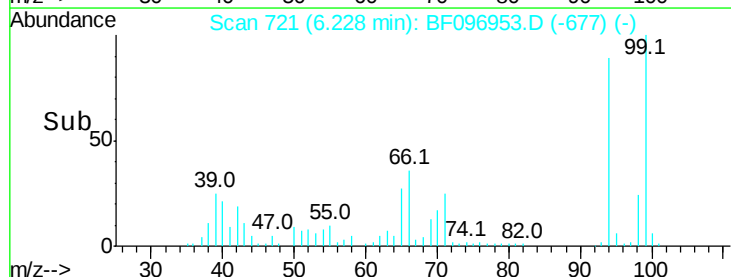
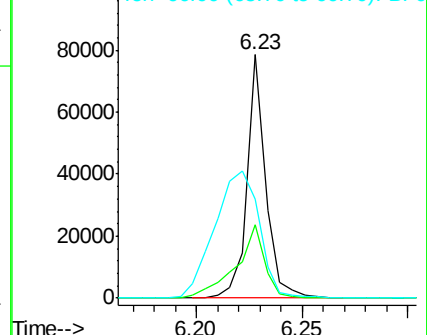
66 40.5 23.1 63.1

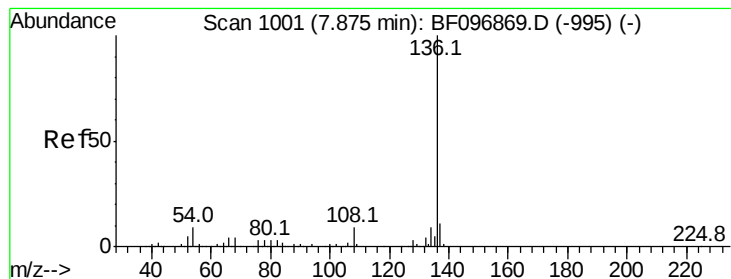


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.84 min Scan# 995

Delta R.T. -0.05 min

Lab File: BF096953.D

Acq: 21 Jul 2017 19:31

Instrument :

BNA_F

ClientSampleId :

FK-SF-03-001-B

Tot Ion:136 Resp: 492705

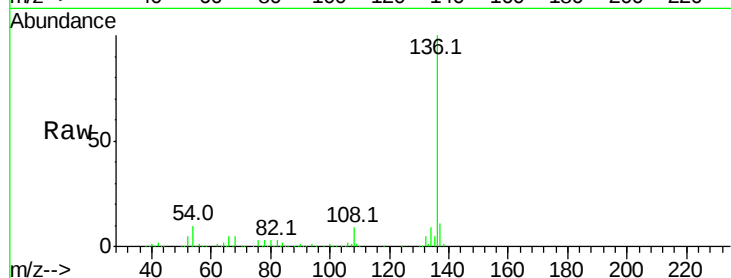
Ion Ratio Lower Upper

136 100

137 11.2 8.5 12.7

54 9.9 4.9 7.3#

68 4.9 4.1 6.1

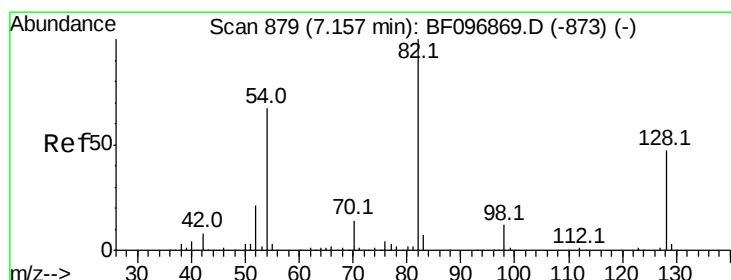
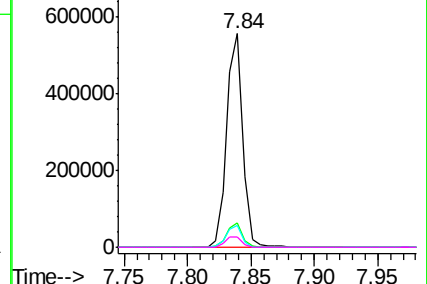
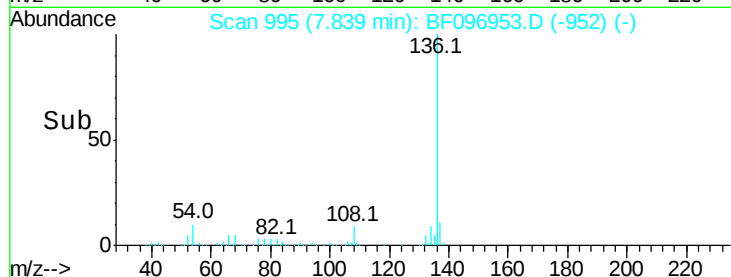


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 73.466 ng

RT: 7.12 min Scan# 873

Delta R.T. -0.05 min

Lab File: BF096953.D

Acq: 21 Jul 2017 19:31

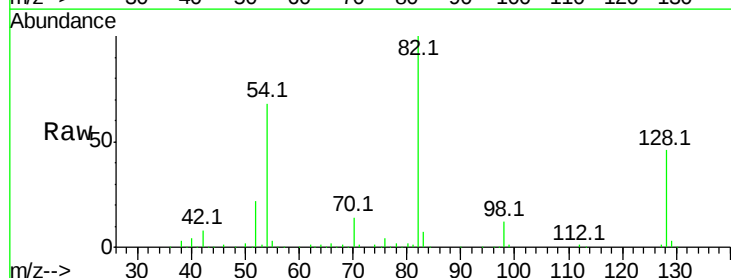
Tgt Ion: 82 Resp: 584384

Ion Ratio Lower Upper

82 100

128 45.8 34.0 51.0

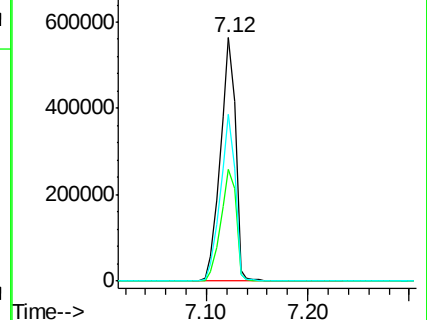
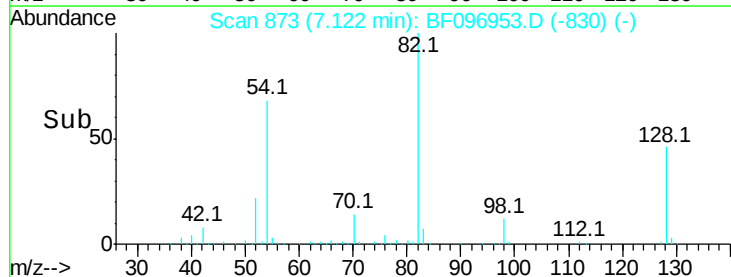
54 68.5 42.2 63.2#

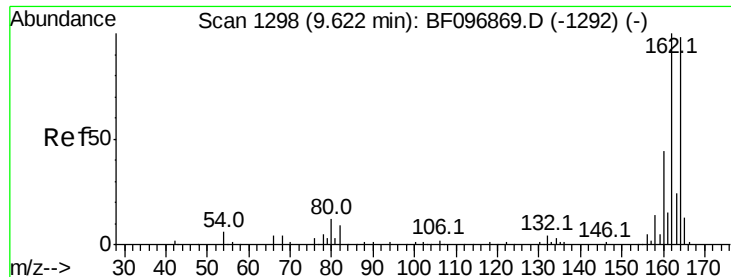


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

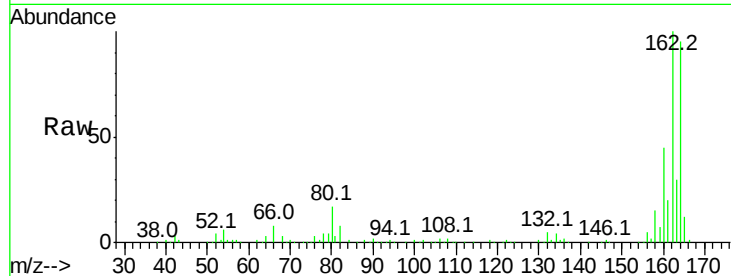




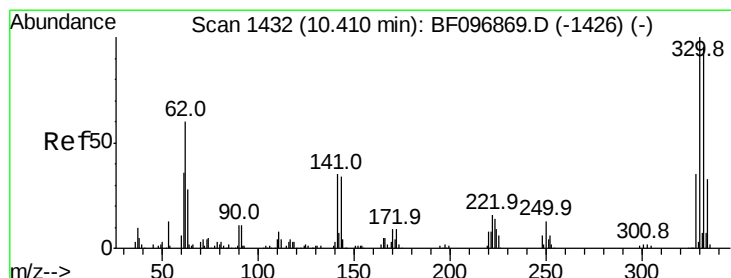
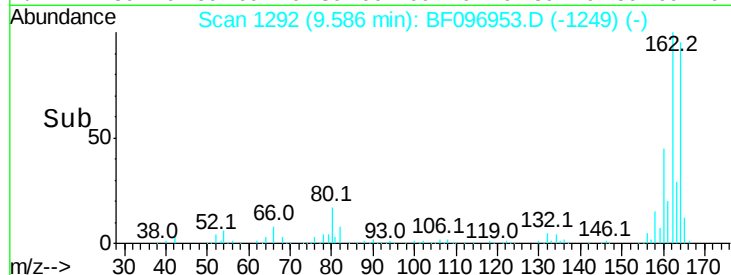
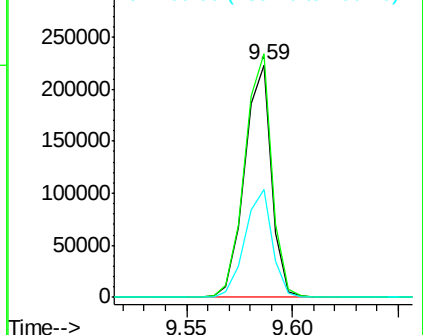
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.59 min Scan# 1292
Delta R.T. -0.05 min
Lab File: BF096953.D
Acq: 21 Jul 2017 19:31

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-001-B

Tot Ion:164 Resp: 196264
Ion Ratio Lower Upper
164 100
162 104.9 82.6 123.8
160 46.7 36.2 54.2

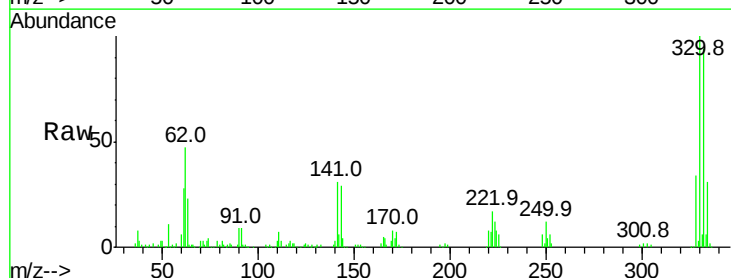


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

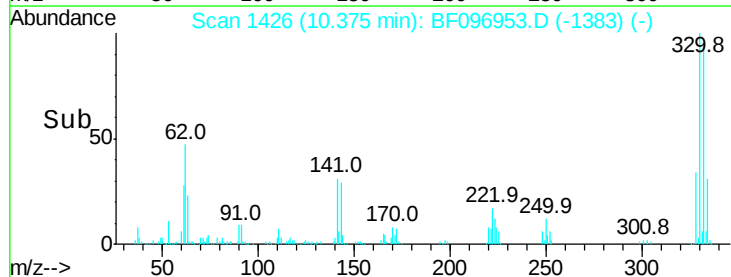
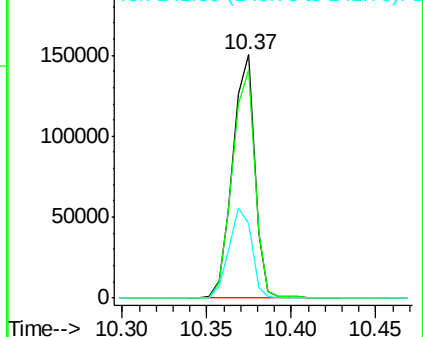


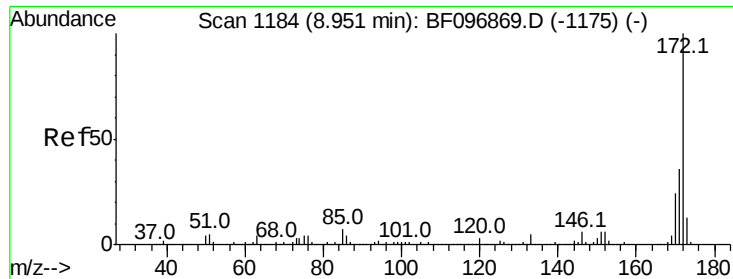
#41
2,4,6-Tribromophenol
Concen: 81.854 ng
RT: 10.37 min Scan# 1426
Delta R.T. -0.05 min
Lab File: BF096953.D
Acq: 21 Jul 2017 19:31

Tgt Ion:330 Resp: 137129
Ion Ratio Lower Upper
330 100
332 96.1 76.6 115.0
141 37.9 31.4 47.2



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

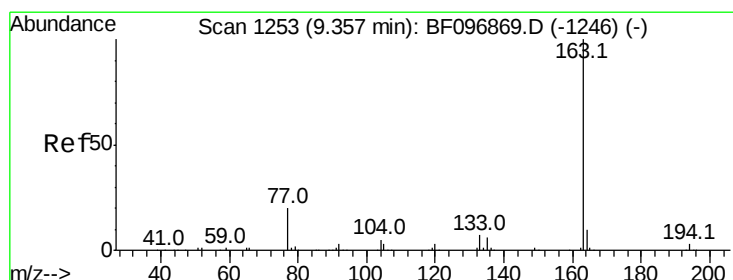
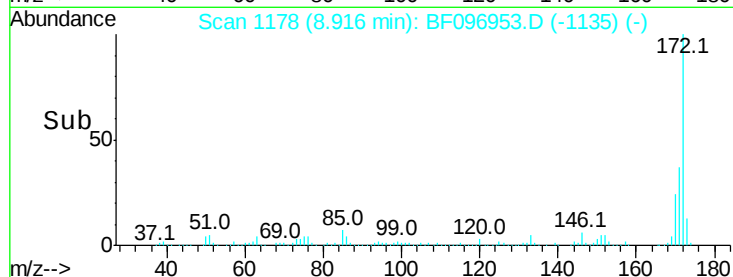
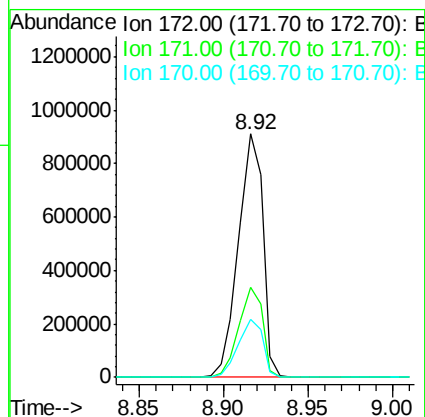
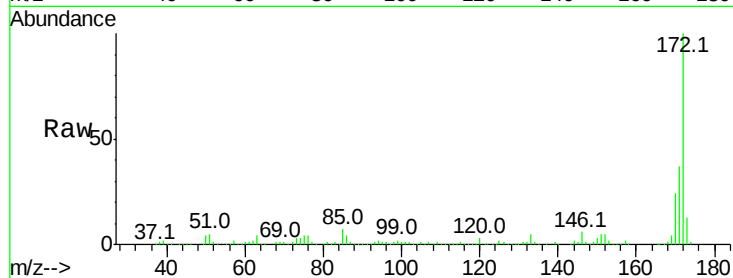




#44
 2-Fluorobiphenyl
 Concen: 74.169 ng
 RT: 8.92 min Scan# 1178
 Delta R.T. -0.05 min
 Lab File: BF096953.D
 Acq: 21 Jul 2017 19:31

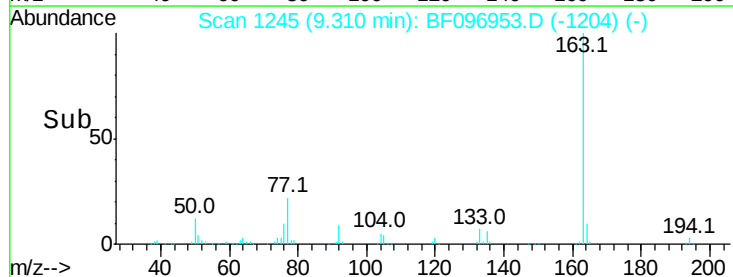
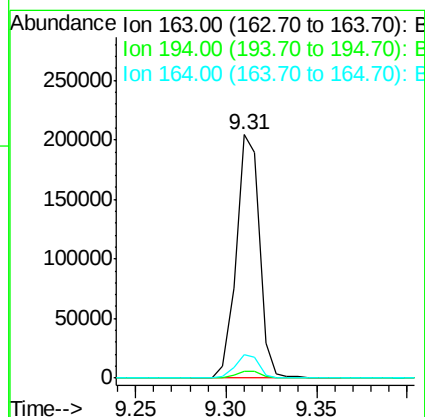
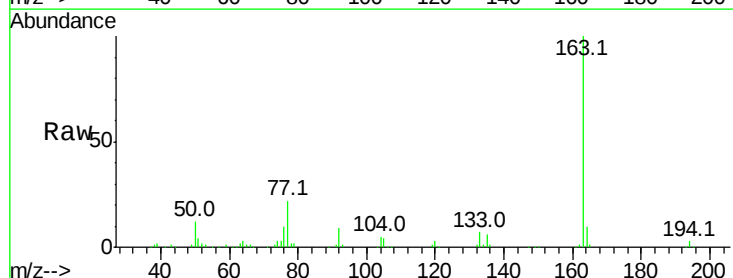
Instrument :
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 FK-SF-03-001-B

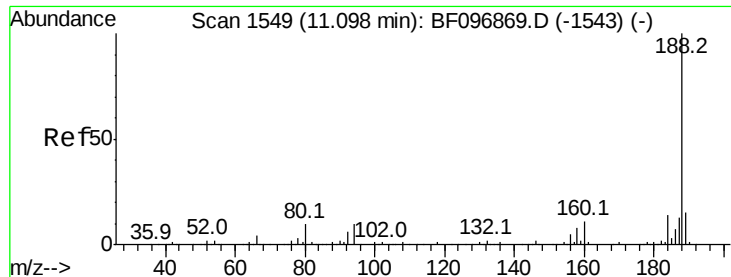
Tot Ion:172 Resp: 921361
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.6 44.4
 170 23.9 19.8 29.8



#49
 Dimethylphthalate
 Concen: 12.348 ng
 RT: 9.31 min Scan# 1245
 Delta R.T. -0.06 min
 Lab File: BF096953.D
 Acq: 21 Jul 2017 19:31

Tgt Ion:163 Resp: 182472
 Ion Ratio Lower Upper
 163 100
 194 2.9 2.6 4.0
 164 9.9 8.4 12.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.06 min Scan# 1542

Delta R.T. -0.05 min

Lab File: BF096953.D

Acq: 21 Jul 2017 19:31

Instrument :

BNA_F

ClientSampleId :

FK-SF-03-001-B

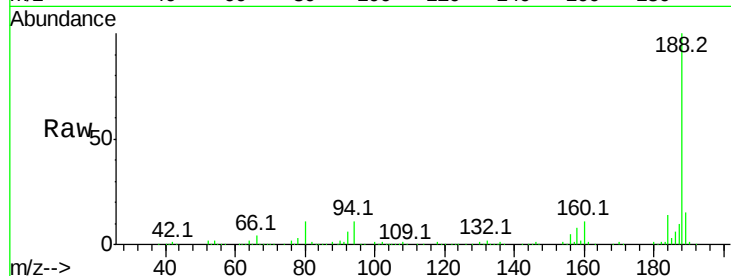
Tot Ion:188 Resp: 249028

Ion Ratio Lower Upper

188 100

94 10.9 9.4 14.2

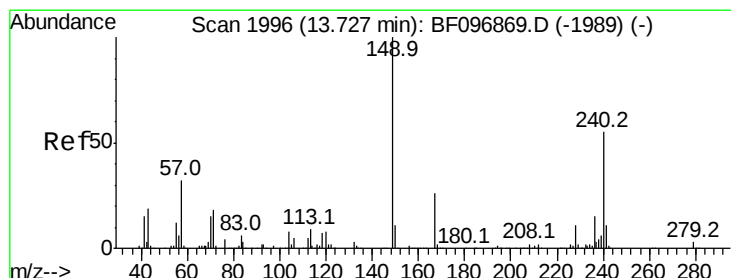
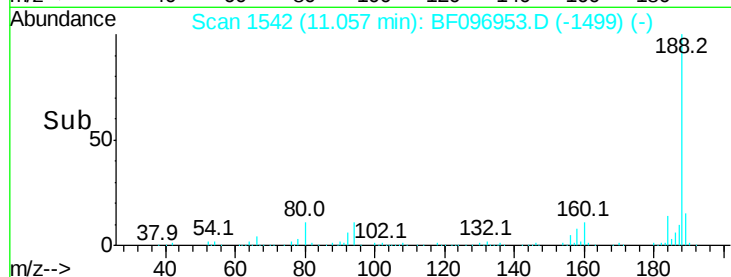
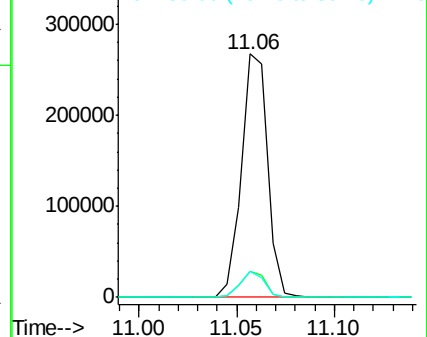
80 10.7 10.2 15.2



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.69 min Scan# 1989

Delta R.T. -0.05 min

Lab File: BF096953.D

Acq: 21 Jul 2017 19:31

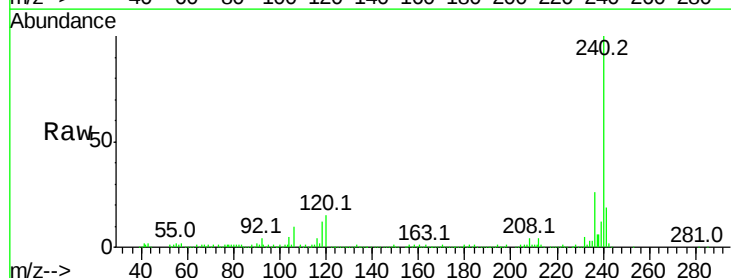
Tgt Ion:240 Resp: 253895

Ion Ratio Lower Upper

240 100

120 14.9 5.8 8.8#

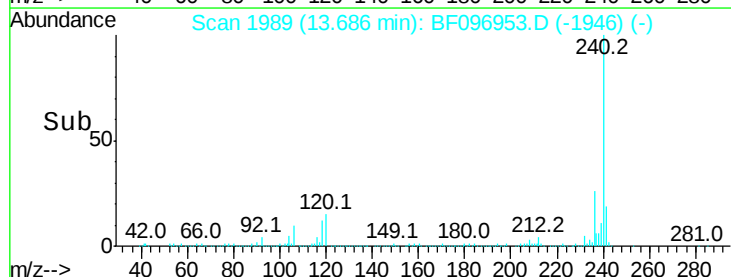
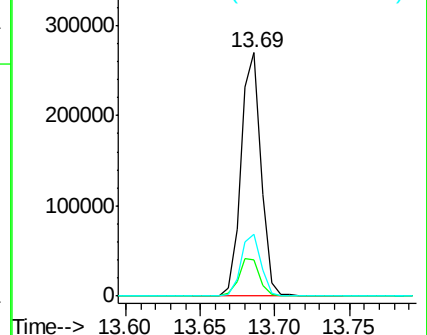
236 25.5 20.5 30.7

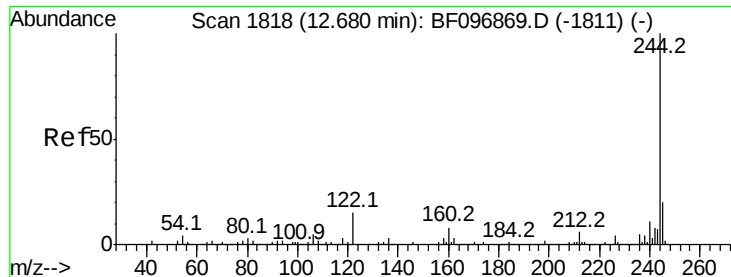


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 38.625 ng

RT: 12.65 min Scan# 1812

Delta R.T. -0.05 min

Lab File: BF096953.D

Acq: 21 Jul 2017 19:31

Instrument :

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ClientSampleId :

FK-SF-03-001-B

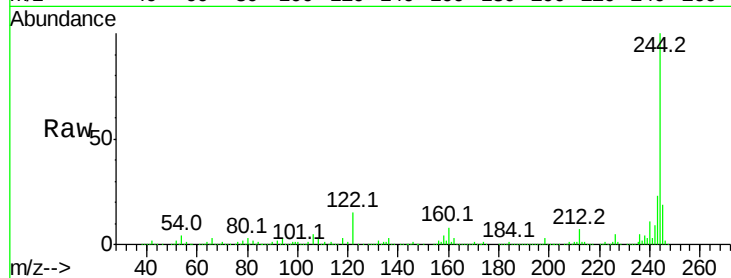
Tot Ion:244 Resp: 565466

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

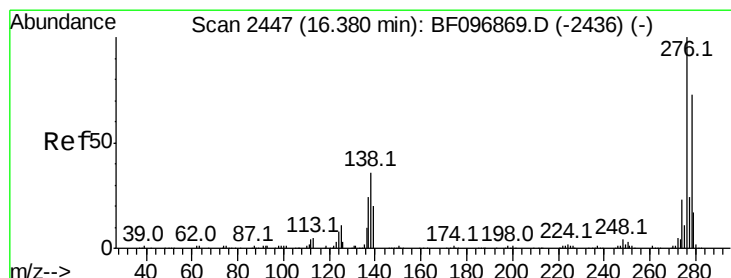
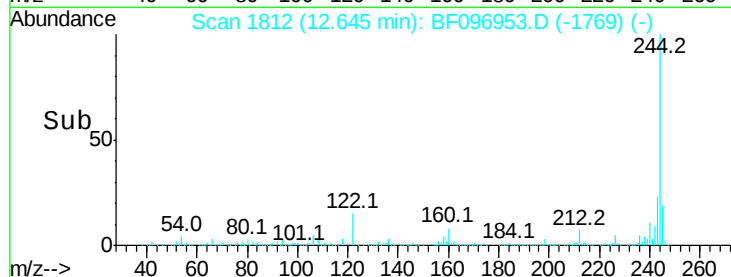
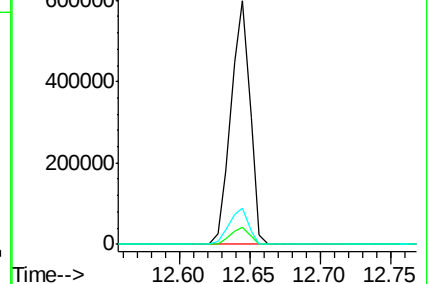
122 15.1 10.3 15.5



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#85

Indeno(1,2,3-cd)pyrene

Concen: 3.542 ng

RT: 16.31 min Scan# 2435

Delta R.T. -0.08 min

Lab File: BF096953.D

Acq: 21 Jul 2017 19:31

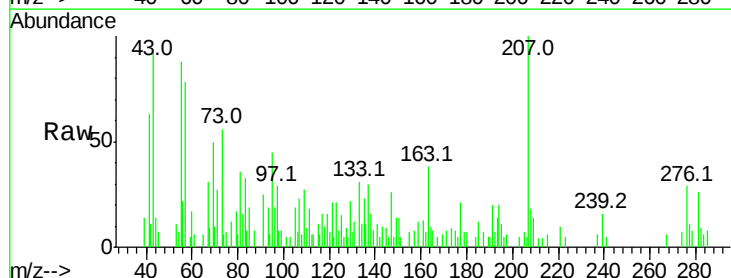
Tgt Ion:276 Resp: 3210

Ion Ratio Lower Upper

276 100

138 66.4 27.8 41.6#

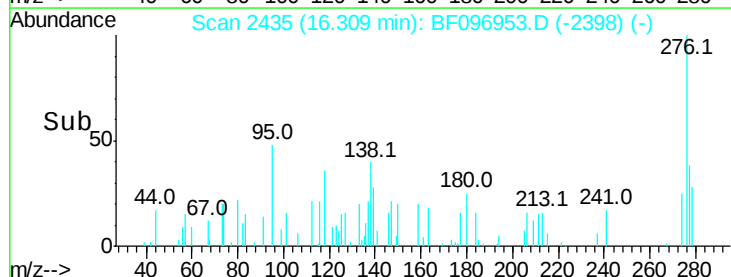
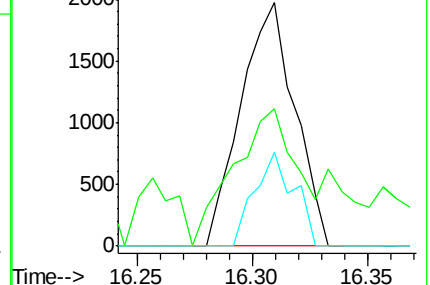
277 28.2 20.2 30.4

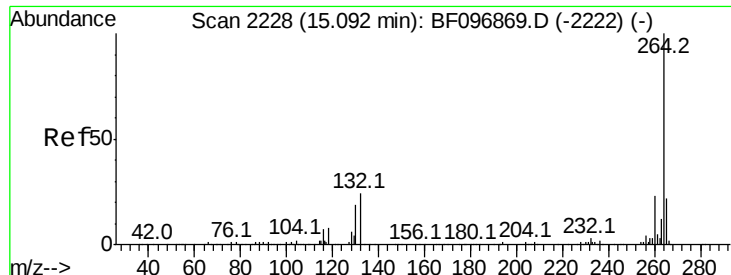


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

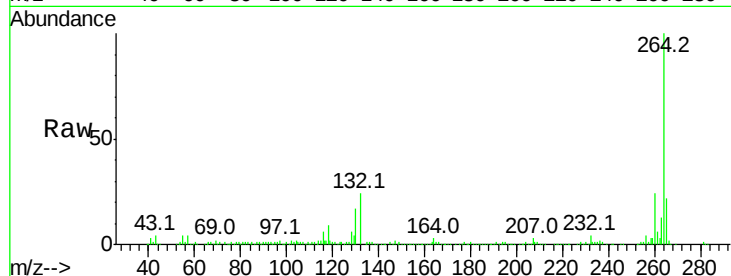




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.05 min Scan# 2221
 Delta R.T. -0.05 min
 Lab File: BF096953.D
 Acq: 21 Jul 2017 19:31

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-03-001-B

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.5	29.3
265	21.9	17.2	25.8



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

